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October 3, 2002

Commissioner for Patents
Washington, D.C. 20231

COPY 3 of 3

Re: U.S. Patent Application No.: 10/010942
For: *Humanized Antibodies That Recognize Beta Amyloid Peptide*
Inventors: Basi, Guriq, et al.
Filed: December 6, 2001
Our Ref. No.: ELN-002

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. ~~Information Disclosure Statement;~~
2. PTO Form PTO/SB/08A;
3. Copies of references cited in PTO Form PTO/SB/08A (325); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

October 3, 2002
Date

Debra J. Milasincic, Esq., Reg. No. 46,931

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the application of: Basi, Guriq, *et al.*

Serial No.: 10/010942

Filed: December 6, 2001

For: *Humanized Antibodies That Recognize Beta Amyloid Peptide*

Attorney Docket No.: ELN-002

Group Art Unit: 1645

Examiner: Not Yet Assigned

Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

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October 3, 2002
Date of Signature and of Mail Deposit

By:

Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per*



as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Applicant also cites commonly owned copending applications directed to related subject matter:

09/201,430 filed 11/30/98;
09/497,553 filed 02/03/00;
09/724,477 filed 11/28/00;
09/723,927 filed 11/28/00;
09/723,762 filed 11/28/00;
09/724,102 filed 11/28/00;
09/724,489 filed 11/28/00;
09/322,289 filed 05/28/99;
09/723,713 filed 11/27/00;
09/723,760 filed 11/27/00;
09/724,319 filed 11/27/00;
09/723,384 filed 11/27/00;
09/724,495 filed 11/27/00;
09/580,015 filed 05/26/00;
09/724,940 filed 11/28/00;
09/724,961 filed 11/28/00;
09/580,018 filed 05/26/00;
09/724,552 filed 11/28/00;
09/723,544 filed 11/28/00;
09/724,273 filed 11/28/00;
09/724,551 filed 11/28/00;
09/724,288 filed 11/28/00;
09/580,019 filed 05/26/00;
09/723,765 filed 11/28/00;
09/724,291 filed 11/28/00;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00;
09/724,929 filed 11/28/00;
09/585,817 filed 06/01/00;

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09/724,567 filed 11/28/00;
09/724,575 filed 11/28/00;
09/724,953 filed 11/28/00;

Applicant points out that the following applications are now commonly assigned but were previously subject to different assignment than the present application:

09/724,570 filed 11/28/00;
09/585,656 filed 06/01/00;
09/723,766 filed 11/27/00;
09/723,725 filed 11/27/00;
09/579,690 filed 05/26/00;
09/979,701 filed 03/13/01 (U.S. National Stage of PCT/US00/14810 filed 05/26/00);
09/979,952 filed 04/04/02 (U.S. National Stage of PCT/US00/15239 filed 06/01/00); and,
09/980,568 filed 03/12/02 (U.S. National Stage of PCT/US00/15302 filed 06/01/00).

Applicant further cites the following commonly owned expired provisional applications directed to related subject matter:

60/067,740 filed 12/02/97;
60/080,970 filed 04/07/98;
60/067,219 filed 12/03/97;
60/079,697 filed 03/27/98;
60/137,010 filed 06/01/99;
60/137,047 filed 06/01/99;
60/136,655 filed 05/28/99; and,
60/251,892 filed 12/06/00.

Solomon Reissue

The Assignees of the instant application are licensees of U.S. Patent No. 5,688,651, which is directed in part to subject matter related to the instant application. U.S. Patent No. 5,688,651 is now undergoing examination reissue as Application No. 09/441,140. U.S. Patent No. 5,688,651 and U.S. Application No. 09/441,140 are cited in the PTO/SB/08A form attached hereto.

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OCT 15 2002

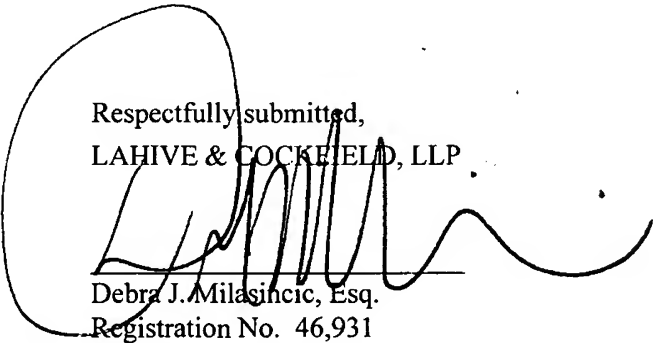
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Raso Grant Application

Applicants wish to bring to the Examiner's attention a grant application believed to have been submitted by Victor Raso for NIH Grant 1 R43 AGI 5746-01 on August 29, 1997. Cite no. 144 is a redacted version of the grant proposal and cite no. 304 is an unredacted version. Applicants obtained copies of this grant proposal under the Freedom of Information Act (FOIA). It is believed that the grant proposal would not have been accessible under FOIA before April 2, 1998 (the funding date), but the exact date of public accessibility, if any, is not known to Applicants.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR § 1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants

28 State Street
Boston, MA 02109
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Date: October 3, 2002
AEM/DJM/CEH/ipc
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	283	09/441,140		Solomon et al.	11-16-1999	
	242	60/168,594		Chalifour et al.	N/A	
	282	60/169,687		Chain	N/A	
	295	60/184,601		Holtzman et al.	N/A	
	299	60/186,295		Rasmussen et al.	N/A	
	296	60/254,465		Holtzman et al.	N/A	
	297	60/254,498		Holtzman et al.	N/A	
	300	2001/0018053	A1	McMichael	08-30-2001	
	267	6,294,171	B2	McMichael	09-25-2001	
	234	6,284,221	B1	Schenk, et al.	09-04-2001	
	230	6,262,335	B1	Hsiao et al.	07-17-2001	
	231	6,114,133		Seubert et al.	09-05-2000	
	196	6,150,091		Pandolfo et al.	11-21-2000	
	1	6,057,367		Stamler et al.	05-02-2000	
	221	5,989,566		Cobb et al.	11-23-1999	
	2	5,958,883		Snow	09-28-1999	
	3	5,955,317		Suzuki et al.	09-21-1999	
	4	5,955,079		Mond et al.	09-21-1999	
	5	5,877,399		Hsiao et al.	03-02-1999	
	6	5,869,093		Weiner et al.	02-09-1999	
	7	5,869,054		Weiner et al.	02-09-1999	
	8	5,854,204		Findeis et al.	12-29-1998	
	9	5,851,996		Kline	12-22-1998	
	10	5,849,298		Weiner et al.	12-15-1998	
	11	5,837,473		Maggio e al.	11-17-1998	
	12	5,786,180		Konig et al.	07-28-1998	
	207	5,780,587		Potter	07-14-1998	
	13	5,753,624		McMichael et al.	05-19-1998	
	14	5,750,349		Suzuki et al.	05-12-1998	
	197	5,744,368		Goldgaber et al.	04-28-1998	
	211	5,736,142		Sette et al.	04-07-1998	
	15	5,733,547		Weiner et al.	03-31-1998	
	16	5,688,651		Solomon	11-18-1997	
	17	5,679,348		Nesburn et al.	10-21-1997	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

18	5,645,820	Hafler et al.	07-08-1997
19	5,641,474	Hafler et al.	06-24-1997
20	5,641,473	Hafler et al.	06-24-1997
21	5,612,486	McConlogue et al.	03-18-1997
22	5,605,811	Seubert et al.	02-25-1997
23	5,585,100	Mond et al.	12-17-1996
24	5,571,500	Hafler et al.	11-05-1996
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26	5,434,170	Andrulis, Jr.	07-18-1995
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181	5,270,165	Van Nostrand et al.	12-14-1993
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28	5,231,000	Majocha et al.	07-27-1993
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30	5,208,036	Eppstein et al.	05-04-1993
31	5,192,753	McGeer et al.	03-09-1993
32	5,187,153	Cordell et al.	02-16-1993
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34	4,666,829	Glenner et al.	05-19-1987

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	35	EP	911 036	A2		04-28-1999		
	36	EP	868 918	A2		10-07-1998		
	37	EP	863 211	A1		09-09-1998		
	38	EP	845 270	A1		06-03-1998		
	39	EP	782 859	A1		07-09-1997		
	40	EP	683 234	A1		11-22-1995		
	41	EP	666 080	A1		08-09-1995		
	42	EP	652 962	B1		12-16-1998		
	43	EP	639 081	B1		11-03-1999		
	44	EP	613 007	A2		08-31-1994		
	45	EP	594 607	B1		08-27-1997		
	46	EP	561 087	B1		08-04-1999		
	47	EP	526 511	B1		05-28-1997		
	48	EP	506 785	B1		03-15-2000		

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Date
Considered

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Sheet 3 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

	49	EP	451 700	A1	10-16-1991	
	50	EP	440 619	B1	01-24-1996	
	51	EP	359 783	B1	11-29-1995	
	52	EP	276 723	B1	12-08-1993	Yes
	187	EP	783 104	A1	07-09-1997	
	294	PCT	01/62801	A2	08-30-2001	
	301	PCT	01/62284	A2	03-01-2000	
	298	PCT	01/42306	A2	06-14-2001	
	243	PCT	01/39796	A2	06-07-2001	
	199	PCT	00/77178	A1	12-21-2000	
	240	PCT	00/43039	A1	07-27-2000	
	188	PCT	00/43049	A1	07-27-2000	
	53	PCT	99/60024	A1	11-25-1999	
	54	PCT	99/60021	A2	11-15-1999	
	55	PCT	99/58564	A1	11-18-1999	
	56	PCT	99/06066	A2	02-11-1999	
	57	PCT	99/27949	A1	06-10-1999	
	58	PCT	99/27944	A1	06-10-1999	
	59	PCT	99/27911	A1	06-10-1999	
	203	PCT	99/00150	A2	01-07-1999	
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	61	PCT	98/07850	A2	02-26-1998	
	202	PCT	97/21728	A1	06-19-1997	
	62	PCT	97/17613	A1	05-15-1997	
	63	PCT	96/39176	A1	12-12-1996	
	208	PCT	96/28471	A1	09-19-1996	
	64	PCT	96/25435	A1	08-22-1996	
	65	PCT	96/18900	A1	06-20-1996	
	66	PCT	95/31996	A1	11-30-1995	
	200	PCT	95/12815	A1	05-11-1995	
	67	PCT	95/11994	A1	05-04-1995	
	68	PCT	95/11311	A1	04-27-1995	
	227	PCT	95/11008	A2	04-27-1995	
	69	PCT	95/05853	A1	03-02-1995	
	70	PCT	95/04151	A2	02-09-1995	
	201	PCT	94/28412	A1	12-08-1994	
	71	PCT	94/03615	A1	02-17-1994	
	72	PCT	94/01772	A1	01-20-1994	
	73	PCT	93/21950	A1	11-11-1993	
	74	PCT	93/16724	A1	09-02-1993	
	75	PCT	93/15760	A1	08-19-1993	

Examiner
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Sheet 4 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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76	PCT	93/14200	A1	07-22-1993	
205	PCT	93/04194	A1	03-04-1993	
77	PCT	93/02189	A1	02-04-1993	
78	PCT	92/13069	A1	08-06-1992	
79	PCT	92/06708	A1	04-30-1992	
80	PCT	92/06187	A1	04-16-1992	
81	PCT	91/19810	A1	12-26-1991	
82	PCT	91/16819	A1	11-14-1991	
83	PCT	91/12816	A1	09-05-1991	
84	PCT	91/08760	A1	06-27-1991	
85	PCT	90/12871	A1	11-01-1990	
86	PCT	90/12870	A1	11-01-1990	
87	PCT	89/01343	A1	02-23-1989	
88	PCT	89/06242	A1	07-13-1989	
89	PCT	89/06689	A1	07-27-1989	
90	PCT	89/03687	A1	05-05-1989	
91	PCT	88/10120	A1	12-29-1988	
92	GB	2 220 211	A	01-04-1990	
93	GB	2 335 192	A	09-15-1999	

Examiner Signature		Date Considered	
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PA 3147648 v23



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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Guriq, Basi <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <i>Neurology</i> , 45:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <i>J. Mol.Biol.</i> , 225(4): 1075-1093 (1992).	
	96	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <i>FEBS Letters</i> , 285(1):111-114 (1991).	<input type="checkbox"/>
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	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <i>New England J. Medicine</i> , 341(22):1694 (1999).	<input type="checkbox"/>
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	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <i>Cur. Opin. Genet Develop.</i> , 3: 102-109 (1993).	<input type="checkbox"/>
	101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," <i>J. Neurology, Neurosurg. Psychiatry</i> , 56:112-115 (1993).	<input type="checkbox"/>
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <i>Clin. Neuropharm.</i> , 15:414A-414B (1992).	
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Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513.7 (1993).	<input type="checkbox"/>
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Application Number	10/010942
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Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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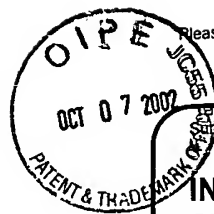
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Attorney Docket Number	ELN-002

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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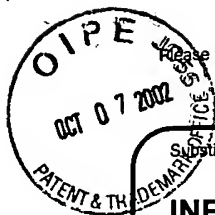
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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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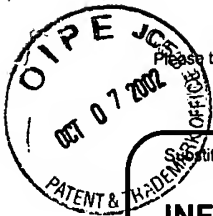
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Sheet 14

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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Sheet 15 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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A1	Chen G, et al. A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. <i>Nature</i> . 2000 Dec 21-28;408(6815):975-9
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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A12	5,593,846		Schenk et al.	01-14-1997	
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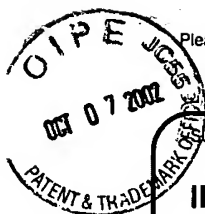
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Sheet 16 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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B1	Du Y, et al. Reduced levels of amyloid beta-peptide antibody in Alzheimer disease. Neurology. 2001 Sep 11;57(5):801-5.
B2	Small DH, et al. Alzheimer's disease and Abeta toxicity: from top to bottom. Nat Rev Neurosci. 2001 Aug;2(8):595-8

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	B3	US 2001/0102261	A1	Raso	08-01-2002	
	B4	US 2002/0136718	A1	Raso	09-26-2002	

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	B5		WO 00/77178	A1		12-21-2000		

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	B6	09/724,842		Chalifour et al.	N/A	

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